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Price tags invade campus to inspire giving

Jeff Godwin
Guest Columnist

Around campus this week, you may notice some large price tags affixed to items in your classrooms, labs, or your favorite recreational piece of equipment. These price tags list an estimated price that the item was originally purchased for or what it would cost for replacement. According to Kevin Duffy, Chair of the Senior Class Gift Committee, "the hope is that the price tags will get students thinking about the hidden costs associated with their education." Many of these hidden costs are not directly covered by tuition and fees, and are funded by donations from Mines alumni and other corporate sponsors. Many of the amenities that students take for granted would simply not exist without the generous support of alumni.

The price tags are a part of the Senior Gift Committee's "The Price is Right" week which culminates

with a party that is scheduled for Thursday, April 16 from 11:00 AM to 1:00 PM in the Student Recreation Center's McNeil Room. At the party, seniors can celebrate our current progress of having 51 students donate to the senior gift and raising over \$6,499 (including matching funds) towards the gift. Seniors will have the chance to compete in a modified version of the "Price is Right," with winners receiving gift cards to some of your favorite restaurants, including Starbucks, Blue Canyon Bar & Grill, and Chipotle. Finger food and (non-alcoholic) drinks will be served at the party. All seniors are invited to attend and they should bring one of the price tags with them to the party to be entered into a raffle for a door prize!

The Senior Gift Committee would also like to recognize all of those who have contributed to the senior gift so far (in no particular order):

Kevin Duffy, Matthew Hurliman,

Trisha Kendall, Zach Aman, Irina Hardesty, Benjamin Jones, Janson Ferrera, Amanda Bowers, Christopher Paull, Alexsander Lopez, Kristin Smith, Arianne Dean, Matthew Pusard, Lee Rothleutner, Cesar de la Riva, Anant Pradhan, Joe Schneiderwind, Kenneth Dodson, Walter Unglaub, Elliott Dudley, Brian Fuqua, Elise Goggin, Justin Guerra, Jesse Havens, Andy Ahern, Joseph Eisinger, Tracy McEvoy, Anhvu Le, Jared Albers, Matthew Host, James Molde, Marc Malone, Jared Alexander, Rebecca Johnson, Jonathan Powers, John McGee, Rawan Bordini, Brandon Killinger, Darren Ross, Jon Monserud, Jessica Bowser, Electra Lamb, Quoe Thanh, Minda Morris, Jeremy Brown, Jonathan Lanning, G. Colin Trickle, Akira Rattenbury, Mikayla Buenger, Kelly Lindholm, Diane Wetzels, and Kristi Selden.

Thank you all so much for your support in helping to make Mines a better place for future students!



COURTESY SENIOR GIFT COMMITTEE

The senior class has placed price tags on various items all over campus to impress on students the cost of their education that is covered by alumni donations.

Nanotubes, solar cells, and energy

Tim Weilert
Content Manager

Dr. Zhigang Wu of the Berkeley Nanosciences and Nanoengineering Institute (BNNI) visited the CSM physics department for part of their ongoing colloquium series. The title of Dr. Wu's talk was "Quantum Simulations of Nanostructured Materials for New Energy."

Wu began with a brief synopsis of the current need for new energy solutions and environmental problems such as global warming. Graphs, which have become commonplace, depicting the exponential growth of CO2 in the atmosphere were followed by images and slides showing renewable natural energy resources. "Solar energy is particularly attractive," said Wu, "If you were to cover 100 square miles with solar panels that are only 10% efficient, you could power the whole nation." However, such a feat would be costly, with a price tag of nearly \$16 trillion.

"A promising approach is to take advantage of nanotechnology," said Wu. He then discussed definitions surrounding nanotechnology and issues of scale. "Nanomaterials," according to Wu, "have at least one dimension in the nano scale." Nanotechnol-

ogy, in addition to being useful as a means of improving photovoltaic solar cells, is useful for a wide variety of applications. Wu attributed this usefulness to the customization of these materials. "The properties of nanomaterials can be tuned by varying their sizes."

The main thrust of Wu's research has dealt with silicon-based nanowires and their specific electrical properties. Through various experiments involving strain and synthesis conditions, Wu has attempted to build high quality silicon nanowires that can be used for solar cells. Furthermore, Wu has researched interactions that occur at the hybrid interface, which is crucial for molecular electronics and optoelectronics such as photovoltaics.

Finally, Wu discussed a new self-assembly process for creating nanowires. Basically it involves creating small sections of nanowire with various functional groups integrated into the ends of each segment. The functional groups are then allowed to hydrogen bond to one another, but only in certain alignments. These building blocks use the "bottom up" approach to self-assembly to create nanowires of the desired characteristics.

Colleges, legislators torn over Amethyst Initiative

Gene Duran
Staff Writer

In July of 2008, an initiative was formed amongst presidents and chancellors of colleges and universities around the world. This initiative, called the Amethyst Initiative, seeks to promote a drinking age lower than 21. "Adults under 21 are deemed capable of voting, signing contracts, serving on juries and enlisting in the military, but are told they are not mature enough to have a beer," from their website. Currently, the initiative has 135 signatories from colleges around the nation, including President Richard F. Celeste of Colorado College and President Tim Foster of Mesa State College.

The initiative comes as a result of complaints that drinking has become far too prevalent on col-

lege campuses around the United States. However, legislators are still debating over the implications of passing such a law. According to the National Institute on Alcohol Abuse and Alcoholism, 5,000 people under the age of 21 die as a result of underage drinking – 1,900 of those are vehicular fatalities, 1,600 from homicides, 300 from suicide, and the remaining from falls, burns, or drowning.

The issue stems from the possibility that lowering the drinking age may curb the abuse of alcohol amongst college students. By lowering the drinking age, young adults may learn responsibility and lead safer lifestyles.

The counter-argument is the fact that when a youth is surrounded by alcohol and friends, peer pressure plays a larger role affecting the person's judgment, not necessarily

the alcohol involved. In a 2008 report, the National Highway Traffic Safety Administration estimated that minimum drinking age laws have saved more than 26,000 lives since 1975, and the current drinking age saves about 900 lives in traffic fatalities each year.

Culturally around

the world, the United States is one of the few countries to have a drinking age at 21. Armenia, Indonesia, India, Pakistan, and Palau are the only other countries with a drinking age that high, aside from some Muslim countries that ban alcohol altogether. Other countries, such as Italy, have the drinking age as low as 14, while Canada varies by territory, between 18 and 19.

On Wednesday, April 8, CU-Boulder students offered an alternative plan to the Amethyst Initiative called the "Emerald Initiative," advocating marijuana use as a safer alternative to alcohol. The Emerald initiative was launched by the Boulder-founded organization Safer Alternative For Enjoyable Recreation (SAFER).

Students from the Boulder chapter of the National Organization for the Reform of Marijuana Laws (NORML) also supported the bill, citing claims that the health risks of alcohol compared to Marijuana aren't being discussed, but rather ignored. As with the Amethyst Initiative, the Emerald Initiative expects to supplement its mission statement with signatories from college presidents, but the statement is still in the process of being mailed to every signatory of the Amethyst Initiative along with a survey regarding the use of alcohol and marijuana by students at their respective schools.



LILY GIDDINGS / OREDIGGER

Scientific discoveries this week

Anand Erdenebileg, Staff Writer

London, UK: Physicists from the University College London have developed a method that could make entangled light using a Bose-Einstein Condensate (BEC). By making a group of atoms extremely cold (close to absolute zero), the scientists can make the group act as one atom. The scientists blocked a BEC in an optical cavity, which means the light field could cause the atoms to react the same. As a result, a strong atom-photon forms, and strong atom-proton coupling provides the entangled method.

Gothenburg, Sweden: Archaeologists from The University of Gothenburg discovered that societies in the Late Neolithic and Bronze Age had more varied cultures than once realized. The researcher looked at archeological evidence dated between 2300-500BC, and discovered that the structure of communities were very complex. For example, houses greatly varied in size, based on a person's influence in the community. Furthermore, it was discovered that powerful political entities were formed and tried to control large areas of land, something which was not thought to happen by many scientists.

Melbourne, Australia: Monash University researchers have successfully modeled the act of pizza tossing, based on observations they made of professional pizza chefs. They developed calculations to identify dough's trajectories and they were able to analyze the tossing motions along with rotational speed, stability, and energy efficiency. By collaborating with pizza chefs, the researchers were able to analyze two types of dough toss. One is called single tossing and it is when pizza is tossed from rest. The other is called multiple tossing, which occurs when the chef spins the pizza multiple times before allowing it to rest.

Austin, TX: Scientists at the University of Texas at Austin found a new predatory ant called *Martialis eureka* (meaning "ant from Mars") in the Amazon. After morphological and genetic analysis, the researchers confirmed that the ant was a new species. The ant has many interesting characteristics not usually present in ants. For example, it is only 2 to 3 millimeters long, has no eyesight, and has large mandibles which help it to capture prey.

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Headlines from around the world

Emily Trudell, Staff Writer

A wax version of first Lady Michelle Obama was unveiled at Madame Tussauds wax museum in Washington D.C. The sculpture has brought some criticism that the museum is playing favorites, as all three of the first ladies represented were wives of Democratic Presidents.

Iranian President Mahmoud Ahmadinejad praised his country's developing nuclear program, saying that the packagings of fuel for the reactor and high capacity, uranium-enriching centrifuges are some of the nuclear programs greatest accomplishments.

Nick Adenhardt, age 22, rookie pitcher for the Las Angeles Angels was killed in a car crash in Fullerton, California. The crash also killed two others, and one man was arrested and will face charges. Adenhardt was taken to the UC Irvine Medical Center, but died after undergoing surgery.

Thousands of radical Shiite Muslims rallied in Firdous Square, Baghdad, where the statue of Saddam Hussein was torn down six years ago. Protestors shouted anti-U.S. slogans and carried Iraqi flags, commemorating the six year anniversary of Hussein's fall from power.

Wildfires scorched areas of Texas and Oklahoma, injuring at least 34 people, burning down nearly 100 homes, and forcing several hundreds of people to evacuate. Due to high winds and dry conditions,

the fire has spread quickly.

Taro Aso, the Prime Minister of Japan, announced a 150 billion dollar stimulus plan in order to prevent collapse on the world's second largest economy. The stimulus plan focuses on building infrastructure, aiding struggling companies, creating unemployment benefits, and improving welfare and health.

A man and woman were found dead in a classroom at Henry Ford Community College in Dearborn, Michigan. The campus was quickly put on lockdown after shots were fired in the school's Fine Arts building.

A suicide bombing in Mosul, Iraq killed five United States soldiers at the outer barrier of the Iraqi National Police Headquarters.

Three

others were killed, and at least 60 were wounded in the attack, which has been the most deadly single attack on U.S. troops in over a year.

Algerian President Abdelaziz Bouteflika won the election for his third term in office with a landslide victory, securing 90 percent of the vote. Algerian lawmakers abolished term limits last year, allowing Bouteflika to run for re-election, though critics say that the vote was simply a charade.

Social networking website Facebook welcomed its 200 millionth user, and has partnered with 16 charities and advocacy groups. The site also created "gifts" that users can buy for the pages of other users, the proceeds from which will benefit the charities.

Local News

Bryce Robbins was awarded an honorable mention by the Goldwater Foundation. He was one of four candidates from Mines for the scholarship and the only one to be recognized by the Foundation.

Faculty members Colin Wolden, Dan Knauss, Candy Sulzbach, John Stermole, Ravel Ammerman, PK Sen, Ron Cohen, John Curtis, Terence Young, Toni Lefton, Scott Strong, Dinesh Mehta, Cara Coad, Ryan O'Hayre, Hugh Miller, Kadri Dagdelen, Jennifer Miskimins, and F. Edward Cecil were recognized as "outstanding" by graduating seniors and graduate students this week.

ASCSM election results were announced last week. Congratulations to Jaime Thorpe, Student Body President, Ashley Young, Vice President, Damian Illing, Board of Trustees Representative, Sharif Jawad, At large community, Rambert Nahm, At large faculty, and Alec Westerman, At large university. Congratulations also to those who won in individual class races.

Tier Structure for student organizations to begin Fall 2009

Simon Demby-Myers
BSO President
Karlyn Adams
BSO Treasurer

Thursday evening, ASCSM passed a resolution and approved the Board of Student Organizations (BSO) Tier Structure for Student Organizations on campus. With this resolution, a few changes will take place that will affect Student Organizations on campus. The Tier Structure will be implemented in the fall of 2009 affecting spring 2010 budget allocations.

The purpose of the Tier Structure is to address the current challenges faced by Student Organizations, ASCSM and Student Activities. Challenges such as distribution of resources, lack of funding, and longevity of organizations are increasing as more Student Organizations are started at CSM. The Tier Structure is intended to promote organizational accountability and community stewardship as well as provide recognition to organizations that show outstanding leadership on campus.

We are asking that Student Organizations participate in their original Tier Placement. Meeting times will be available at the end

of the spring semester and beginning of fall semester to assure appropriate placement within the Tier Structure.

Information sessions on the system will be held April 22 and 23. All sessions will be held in Berthoud Hall 126. We encourage organizations to use this opportunity to find out more information about the Tier Structure. The complete Tier Structure document, including all definitions and clarifications, can be found on the Student Activities web page. Signups for meeting times will be available at the Information Sessions and in the Student

Tier	Expectations	Benefits
3	➤ 100% BSO meetings ➤ 3 service events (1 campus, 1 community, and 1 of either) ➤ Self maintained website ➤ Officer transition plan	➤ No specified yearly funding limit ➤ Eligible for Special Program funding ➤ Eligible to reserve Student Center rooms for the following semester after the midterm of the current semester for "special events" ➤ Eligible for office space ➤ Eligible for Tier 3 Organization of the Year
2	➤ Goals/Evaluation Worksheet ➤ 1 service event (campus) ➤ Updated Student Activities Web Page Form ➤ 75% BSO meetings	➤ Yearly funding up to \$2500 ➤ Eligible for storage locker ➤ Eligible for mail box ➤ Eligible to hold events with alcohol ➤ Eligible for marquee space ➤ Eligible for Tier 2 Organization of the Year
1 (concurrent with current organization requirements and benefits)	➤ Organization Update form ➤ Officer Update form ➤ Submit meeting dates/times to Student Activities	➤ Yearly funding up to \$250 ➤ Appropriate use of CSM logos, names, etc ➤ Name on Student activities website ➤ Information in Calendar/Whats happening emails ➤ Access to SA arts/publicity supplies ➤ Eligible for Tier 1 Organization of the Year ➤ Contact info on Student Activities webpage (if form is submitted)
➤ Tier Structure is cumulative ➤ Organizations to remain outside the Tier Structure: Governing Bodies: ASCSM, BSO, GSA , Sports Club Council; Club Sports, MAC , and Recognized Sororities and Fraternities		

Activities office during Dead Week. Please note that all Student Organizations, whether or not they receive funding from ASCSM, are a part of the Tier Structure. We are

excited to continue working with Student Organizations to make this system a success.

Information Sessions:
April 22 5 PM BE 126

April 23 4 PM BE 126, 5 PM BE 126

Individual meeting times will be held during Dead Week.

Mines uses two years of capital construction fee

Ian Littman
Assistant Webmaster

Two years ago, the Capital Construction Fee was implemented. Included in the fee is \$200,000 per year for classroom improvements, with ASCSM (and thus students) getting a 51% vote on funds disbursement.

The Classroom Equipment fee was not used last year, leaving \$400,000 available for improvements this year. As such, this year's projects are larger in scope than the predicted average. According to ASCSM's outgoing president Kevin Duffy, more typical funds use will include such as improvements as desk and chair replacements in Alderson Hall.

The largest of the projects this year, at roughly \$260,000, is a rip-and-replace renovation of Coolbaugh Hall room 209.

Smaller jobs, more representative of ongoing activities supported by this fee, include the addition of smart podium technology for Hill

into a CTLM-esque learning studio," Duffy stated. "The rooms were built when engineers were taught two or three actual manual drafting courses, and now all of our courses are SolidWorks, AutoCAD, [etc.]" According to the request for proposal on this project, "Benefits from the proposed re-modeling will be primarily for the teaching of the two major upper-level required courses EGGN411 Machine Design, and EGGN413 Computer-Aided Engineering... and the mechanical engineering field session EGGN233..." These changes, which will improve visibility for projector-based presentations, will affect several hundred students (around 150 in Machine Design, 260 in Computer-Aided Engineering, 160 in field session, and 60 in other classes) and will cost roughly between \$69,000 and \$91,000.

Students are encouraged to voice their opinions to ASCSM about where the next year's Classroom Equipment section of the Capital Construction Fee should go.

Hall rooms 202 and 204, similar to what is available in some Berthoud Hall and CTLM rooms. The total cost for the two rooms is in the neighborhood of \$20,000.

Once these proposals, and a few smaller ones, are paid for, other projects will be completed with remaining funds. If a few thousand dollars are left after the larger renovations, Alderson Hall 134 and 151 will get upgraded or replaced carpeting. If the available funds are significant, Brown Building rooms 303 and 304 will be reworked entirely, creating a better combination of lecture and lab space, as well as an office and storage room for lab TAs and the like. The cost for this project, which will likely be postponed until the next round of Capital Constructin Fee funding is available, would be about \$100,000.

Students are encouraged to voice their opinions to ASCSM about where the next year's Classroom Equipment section of the Capital Construction Fee should go.

Up 'Til Dawn at Mines

Alec Westerman
Staff Writer

When asked to describe Up 'Til Dawn, Merika Treants explained that, "It's a fundraiser for St. Jude Children's Research Hospital." The motto of St. Jude is, "Finding cures. Saving children." "Up 'Til Dawn is their college program to raise money."

Thus far, the Colorado School of Mines chapter has been quite successful. According to Treants, "We have an All-T meeting in the fall. We raised \$9,721.97... The year before we raised \$7,000." This is the third year Up 'Til Dawn has held activities at Mines.

All-T is the event though which the Mines Up 'Til Dawn group brings in most of their money. At All-T, participants address letters to family and friends requesting donations for St. Jude. "Last year it was Nov 5." Next year, it might be around the same time, but possibly later.

This Friday, Up 'til Dawn is hosting an open event. "On the Lawn With Up 'til Dawn' is what it's called... anyone can come... It's to celebrate how much money the school raised." The occasion will be marked with free pizza, ice cream cake, and drinks. The only requirement of attendees is that they each address at least one letter asking for a donation.

On the Lawn With Up 'til Dawn will be held on Kafadar Commons April 17 from 11:00 AM to 1:00 PM. It's not necessary to commit two hours or even to show up at a certain time to get fed. Treants invites everyone to, "Come any time."

Treant's would like to see Up 'til Dawn grow and raise ever increasing sums of money. A large component of that is outreach. She explained, "We do a lot with the Greeks... we send out a mass email." However, more elaborate outreach hasn't been feasible. Treants explained, "We've been limited by our budget." In order to ensure that next year runs better than ever, Up 'til Dawn is seeking qualified people for its executive board.

Treants told her tale of involvement with Up 'til Dawn saying, "I actually got to go to the hospital in Memphis." The hospital, she explained, is nonprofit and it's involved in both treatment and research. She described the treatment facilities by saying, "It's really happy." She also explained that when researches at St. Jude's develop new treatments, they share their findings freely in hopes that they will benefit more children. Treants expressed how much she enjoyed Up 'til Dawn saying, "It's just a fun thing to do."

Campus Benefactors: Cecil H. & Ida Green

Anand Erdenebileg
Staff Writer

A quick search on Google for “Cecil and Ida Green Center” yields surprising results for most Mines students. Rather than finding results about our own beloved building, one finds information about MIT’s Green Center, Stanford’s Green Center, and the Green Center at the University of California, San Diego. Who were these people, so influential as to have buildings at so many prestigious universities named after them? The answer to this question is English-American geophysicist, philanthropist, and Texas Instruments Founder Cecil Howard Green and his wife and fellow philanthropist, Ida Mabelle Green.

Cecil H. Green was born on August 6, 1900 in Lancashire, England. After traveling with his parents throughout the world for a number of years, living in places such as Nova Scotia, Toronto, and San Francisco, Green and his family ended up in Vancouver, British Columbia. After graduating high school in Vancouver, Cecil went to the University of British Columbia-Vancouver, which he soon left in order to attend the Massachusetts Institute of Technology where, by 1924, he had received both an undergraduate degree and a Masters degree in Electrical Engineering. In 1953, he received the first of many Honorary Doctorates, from the Colorado School of Mines.

Throughout his youth, Green had a number of short-lasting engineering jobs. In 1924, he began working for General Electric (GE) in Schenectady, NY, where he would research steam turbine generators and teach advanced engineering concepts for the GE School. In 1926, he moved to Cambridge, MA, to do research on gaseous tube devices for Raytheon. He then would work with wireless apparatus with a company in Boston and for the Federal

Telegraph Company until 1930. However, later in 1930, he would work his first job as a Geophysicist, working as a Field Chief for Geophysical Service, Inc. (GSI), the company which would soon become Texas Instruments. While there, he developed the technique of reflection seismology, something which would drastically change the way geophysicists found petroleum. In 1951, having been promoted to Vice President of GSI, he and three of his colleagues formed Texas Instruments, a company which would do much more than geophysical surveys.

With the Texas Instrument, he made a fortune as a successful businessman. Much of this money would be given away in philanthropic causes. Over his lifetime, he gave away over \$200 million to educational and health needs. In 1991, because of his great efforts, Queen Elizabeth II of the United Kingdom gave him an honorary knighthood. The Institute of Geophysics and Planetary Physics of The University of California changed its name to the Cecil H. and Ida D. Green branch. He contributed a large amount of money to the Colorado School of Mines, including \$1.7 million for the Green Center. Mr. Green was the member of Advisory Council at Mines and he received the Honorary Alumnus in 1970.

In his lifetime, he received 24 Honors and Awards from around the Globe; he was the member of 13 educational and 11 professional (geophysical and scientific) associations and groups. He belonged to social organizations, such as Dallas Petroleum Club, Dallas Country Club, and La Jolla Country Club. In 1990, Green became the first American citizen to be named an honorary member of the Chinese Geophysical Society by the Republic of China.

Cecil Howard Green died in La Jolla, California, in 2003, at age 102.

Geek of the Week

...Doug Morter, Sophomore: Chemical Engineering

Sarah Nelson
Staff Writer

[Oredigger] It’s been rumored by many students that you are the personification of geek; do you consider this to be true?

[Doug] Yes, I’m pretty much the epitome of geek.

What is your greatest geek feat?

I may have had a WoW problem in high school, which resulted in the absconding of my computer. Having my best interests at heart, I built a computer in my attic, ran the cables through my wall, and hooked them up with breakaway connections. Due to very late night gaming hours, I could no longer raid with my original guild. I joined an Aussie guild and developed an affinity for the Australian accent.

Do you play a lot of games then?

I’ve racked up half a year of playing time in World of Warcraft over the past four years. And in order to really be considered a geek, you have to put in a minimum of four hours of gaming daily. Unfortunately, college has gotten in the way of my gaming career.

What is your favorite game?

I’m a bit nostalgic so I’d have to say The Legend of Zelda: The Ocarina of Time. It holds a dear place in my heart next to my T1-89 titanium.

What do you do in your free time?

I’m also a theatre dork. I’ve done the set-building for Mines Little Theatre for the past two years, and I am branching out and doing some acting this year. I’m also a snowboard nerd and once had a debate concerning the physics of alpine boarding; how the force being applied on the board when normal to the surface creates accelerations equivalent to those experienced by moto GP and F1 racers. I’m also a member of Sigma

Nu and Alpha Phi Omega.

Wow, how do you find time to balance all of your activities while maintaining the geek image?

Well, I have conflicting schedules with socializing and gaming, but the key to a good geek balance is not sleeping and Mountain Dew.

What do you consider to be the difference between a geek and a nerd?

Many people use the terms interchangeably, but I consider a nerd to be an antisocial geek. A geek can still sport the pocket protector and join all the cool clubs like robotics and [the] Linux user group. The nerd is that kid in the corner playing Nintendo DS and recharges it with his umbilical cord.

How are you enjoying your chemical engineering classes so far?

I admit that many late nights doing material and energy balances I’ve fallen asleep with my book, and I’ve actually found that the MEB book is a better cuddle buddy than most of what this school has to offer.

It’s been said that you can’t go for an entire conversation without any puns-what is the trick to this improv lingo?

Well, you can’t just go off on a tangent to insert a pun because then you have

a discontinuity in your conversation. You have to ease them in so you get a nice smooth sinusoidal function of puns-not a linear trend where you start out with no puns and work your way up until suddenly people are like, “Woah, you’re spammin’ me with puns.”

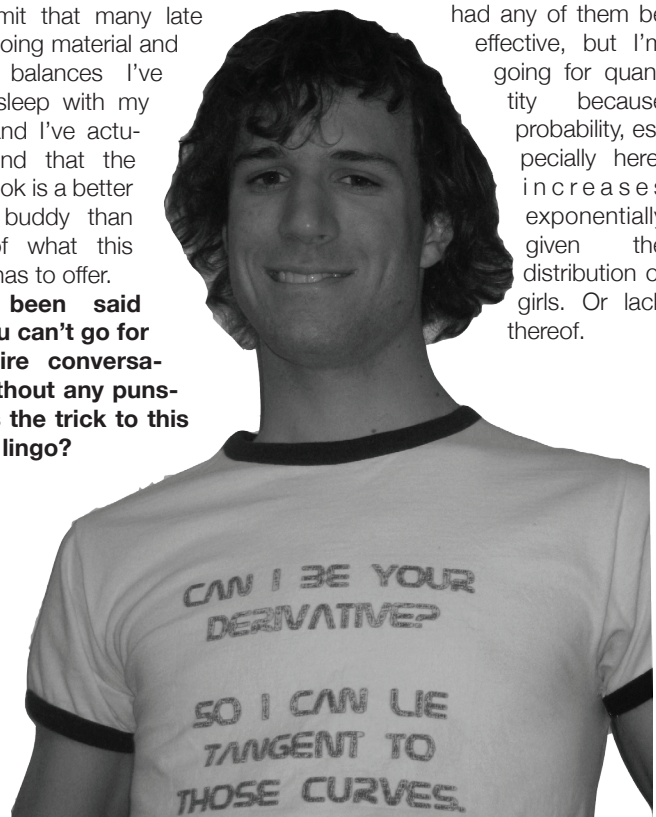
The real key to puns is integrating them into pickup lines.

And how is that done?

First you ask the girl her name, then, you find out her major, and base the pun off of that. For instance, if she’s a biology major you’d go for the “I wish I were your DNA helicase so I could unzip your jeans” whereas the “I wish I were your derivative so that I could lay tangent to those curves” is appropriate for a math major.

Have you had any success with said puns?

I haven’t actually had any of them be effective, but I’m going for quantity because probability, especially here, increases exponentially given the distribution of girls. Or lack thereof.



SARAH NELSON / OREDIGGER

Mines Dance Team recital

Tim Weilert
Content Manager

Spring time is probably the best time of the year. As the weather begins to warm, everything becomes green, and the hangover from E-days begins to wear off. Every year in that magical time between E-days and finals something truly spectacular happens: the Mines performing arts season. As students emerge from their darkened dorm rooms to take the stage, the campus is

entertained with real talent.

This year the group that kicked off the spring season was the Mines Dance Team. When I say “kicked,” I mean it literally. From the beginning of their performance, the dance team went all out with kick-lines, choreography, and movement.

The dance team performed a variety of numbers, including traditional choreographed dancing, hip-hop, rock, 80’s, and solo dancing. Highlights of the performance included solos from Miranda Klobberdanz, Diane Wetzel, and Laura Koeppel. Perhaps one of the most impressive and intense routines was a rousing rendition of “Jump, Jive, and Wail” with Cori Barker and Laura Koeppel



PATRICK BESEDA / OREDIGGER

swinging all over the stage.

Accompanying the dance team was the CSM Ballroom Dance Club, who recently returned from a competition. The ballroom team performed two routines during the course of the night, highlighting swing dancing at its finest.



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Faculty Spotlight

President Bill Scoggins

Benjamin Johnson
Staff Writer

Interested in more than simply academia and power, President Bill Scoggins represents a man who has an adequate balance between his professional and personal life. Golf, jazz, and fly-fishing fill his thoughts when pondering how best to use his free time, but family is his highest priority, receiving his love and devotion.

Leading CSM has become a passionate profession for Scoggins, who described his position at Mines as “The greatest opportunity and challenge I have had in my career.” He listed numerous avenues of joy that permeate his daily activities on campus, he said, “I love seeing students develop while I am here. I also enjoy being around the various research that is being performed on campus.”

Scoggins also reflected on the dramatic transformation that students undergo during their college career, “I like to see freshman on the first day of school with that dazed look on their faces and then at graduation when they are confident and mature.”

Scoggins praised the recent E-Days celebration as one of his favorite Mines traditions. His favorite part of E-days is the cardboard boat race, followed closely by the grand fireworks display.

When he is not occupied by the demands that come with being a college president, Scoggins enjoys the game of golf as a pleasant diversion. “I am a terrible golfer but I love to play golf,” he said.

Fly-fishing is an outdoor activity that Scoggins used to enjoy frequently, however, this hobby had to be relinquished to the demands of his job but he hopes to pick up his rod and reel again in the future.

Although he does not have much free time, Scoggins has committed himself to a “disciplined interest in reading as a pastime and as a learn-

ing objective,” this is evidenced by the two or three books always present on his reading list. “I would encourage students to read history or world affairs books because many students are going to be working outside of the United States and they need to understand the culture they will be a part of,” he advised; “Leadership books are also important because many students will end up in leadership positions in business.”

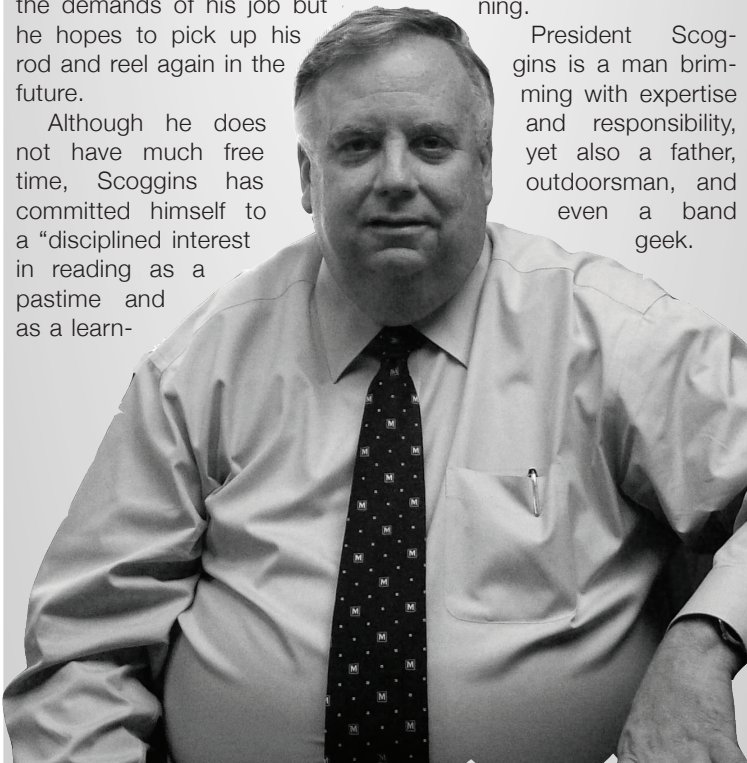
Honoring the importance he places on family, Scoggins said that the best part of life is “being able to witness and experience your children develop and grow into responsible adults with their careers and families.” Three sons, a lawyer, a critical care physician, and a financial manager, used to fill the Scoggins’ household but recently, as he proudly stated, “My wife and I have become grandparents; off the job that is my favorite thing to be a part of.”

Another delight of parenthood, stated Scoggins, is that, “After three boys and all the things that they go through, it is nice that they now agree with me on some things.” Some less-

er known details of Scoggins’s personal life include that he once was a trumpet player. Trumpet player extraordinaire Winton Marsellis is his favorite musician and the genre of traditional jazz is his preference.

A prerequisite of Mines is the tendency toward geeky attributes; Scoggins said that he was not immune from this trend. “I can’t set a Blackberry down and I am trying to use a Bluetooth device,” he described. A trait that he debated if it could be classified as geeky was that he always peruses magazines from the end to the beginning.

President Scoggins is a man brimming with expertise and responsibility, yet also a father, outdoorsman, and even a band geek.



BENJAMIN JOHNSON / OREDIGGER

President Scoggins is a man of many interests.



The next big things!

Ian Littman, Tech Break Columnist

Among the wave of botnets, capped broadband and the utter lack of Windows 7 on store shelves, there are a few bright spots on the map with the tech industry. They’re not even on the horizon; they’re here right now. Most of them, anyway, albeit for a price that might be higher than what you’d want to pay.

1. The Core i7

I love to root for the little guy (AMD) but they just got blown away... again ...by Intel. A few months back, they released the Core i7, a retooled processor that does what AMD did several years ago: kill the frontside bus. The i7, paired with a few sticks of shiny new DDR3 memory, clocks in at 50% higher performance than same-speed Core 2 processors in most cases.

What’s more, a few days ago Intel introduced the server versions of these processors, the Xeon 5500 series. So now servers can be 50% more powerful, making that side of your internet experience flat-out lovely. Plus, with all that processing prowess, Xeon 5500 systems have a much higher performance-per-watt (the server chips draw about two-thirds the power of their desktop counterparts), so you end up with a greener server, data center, etc.. Who doesn’t like greener servers with beastly performance?

2. SSDs

Welcome to the world of flash drives on steroids. If you have a computer that you might possibly abuse, you have a lovely excuse for getting one of these high-performance platter-less storage devices. They’re not just more durable; they’re also rather fast, due to the fact that there’s no need to seek to a particular point on the disk to find data. The problem is that SSDs, especially good ones, are still rather expensive. Ten times the cost of a comparable hard disk, or more, to be exact.

Of course, if you want extreme performance, you’ll want something like the FusionIO ioDrve or the ioDrive Duo. These ridiculously expensive (\$15-\$25 or more per gigabyte) SSDs-on-an-expansion-card can churn out 1.5 gigabytes (that’s with a G and a Y... we’re talking 12,000 megabits) per second of read and write throughput. FusionIO demoed the super-SSD’s performance recently, playing 768 DVD quality videos simultaneously from a single drive... it took twelve servers to render.

3. Fiber and WiMAX

Mere hours before writing this article (Friday, April 10), Windstream, a rather rural telephone company, announced the availability of 24-megabit-per-second fiber optic internet

connectivity in Lexington, Kentucky... for \$45 per month, no phone service required. The service is meant to compete with the local provider (Insight), who is offering twenty-megabit speeds over cable for ten dollars more. The point: competition is very, very good in the internet arena, especially when “competition” doesn’t collude (ahem, AT&T and Time Warner Cable and those companies’ proposed cap).

In other areas, Verizon is forcing the competition to upgrade their systems with FiOS service,

Aside from high prices on computer components and limited availability on internet access, the future is bright and the future is now in the world of tech.

which sports speeds slightly more awesome than their billing is awful. Pricing for FiOS is merely okay, except in areas where competition is heavy, in which case it’s rather nice (50 megabits down and 20 up for \$90 per month). In New York City, cable operator Cablevision is rolling out city-wide WiFi and internet speeds as high as 100 Mbps in order to combat fiber-to-the-home.

There are also municipal projects that break even these speed and price barriers. Incumbent carriers are going to have a hard time competing with the city of Lafayette, Louisiana’s municipal fiber network, constructed after all too much hand-setting and FUD-spread-

ing by AT&T and Cox cable. The speeds for internet: 10, 20 or 50 Mbps... for both upload and download. The price for the 50 megabit tier is \$58, roughly the cost of 6-meg Comcast around here... and the Comcast service has a mere megabit of upload speed.

In the wireless arena, LTE is coming (it’s supposed to be really, really fast) and WiMAX is here, at least in a few places. People looking for a decent connection outside the reach of DSL and cable can now get speeds comparable to copper-based ‘net access, and users in town get high speeds at relatively low prices and with a fair amount of mobility built in.

The prime suspect: Clear. Their mobile broadband packages are tiered in order of capacity, but a \$50 unlimited tier is available, and speeds are comparable to landline DSL. For home use, a 6/512 (megs down/kilobits up) tier is available for \$40 per month, and 6/1 (megabits/megabits) is \$75, not bad for business class wireless internet. Too bad there isn’t any of that around here yet.

So, aside from high prices on computer components and limited availability on internet access, the future is bright and the future is now in the world of tech. Sure, there can be improvements (lower prices on SSDs, better availability on fiber and WiMAX, laptop-friendly Core i7 models). Yet there’s a lot to be thankful for in the tech arena at the moment.

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Oredigger



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Campout



Casino night
and Dance



Fireworks

Must See Movies

The top three

Benjamin M. Weilert, Staff Writer

For those who regularly read this column, you'll notice that the American Film Institute's (AFI) top 100 list is constantly being referenced in regards to quality movies. Back in the late 90's, AFI sat down and came up with a representative list of American films with the goal to select 100 of them to be considered the best of all time. Ten years later, AFI repeated this process, this time including movies that had not yet been released at the time of the original list. In both instances, the results came in and three movies stood out among the rest. These three films are perhaps the most referenced and quoted movies to be produced, and all three seem to hold up under the scrutiny of time. This week's Must See Movies examines the three movies that you absolutely must see.

1. *Citizen Kane* (1941)

Surprisingly enough, even after taking the top spot in the AFI list two times running, *Citizen Kane* only won one Oscar. This Oscar was for Best Writing, which is the one award that is shared by all three of this week's movies. Perhaps this similarity shows that writing is at the core of a timeless movie. At any rate, the plot of this film follows Charles Foster Kane (portrayed by Orson Welles, who also directed). Rich and alone, Kane mutters the single word, "Rosebud," before breathing his last breath. This single word sets reporters ablaze with speculation to what the word means. In the reporters' search for answers, the audience gets to see the life of a great man from humble beginnings. As Kane begins to get more powerful through the strategic and cunning running of a newspaper, he begins to lose his personality. When old age has finally taken its toll on him, the audience sees that he has gained the world, only to have forfeited his soul.

2. *Casablanca* (1942)

On top of the Best Writing Oscar, *Casablanca* also won Oscars for Best Director (Michael Curtiz) and Best Picture. Set in the Moroccan town of the same name, *Casablanca* tells the story of World War II refugees who are trying to get to America. Rick Blaine (Humphrey Bogart) owns a nightclub in Casablanca and has just happened to come into possession of two tickets to America. Lo and behold, who should show up at his nightclub but Ilsa Lund (Ingrid Bergman), Rick's former lover who just happens to need two tickets to America for her and her husband. With lots of drama, Nazis, and some comedy, *Casablanca* ends with "The beginning of a beautiful friendship."

3. *The Godfather* (1972)

Another Best Picture winner, *The Godfather* is perhaps the most quintessential mobster movie ever made. Don Vito Corleone (Marlon Brando, who won the Best Actor Oscar for this film), is the head of a New York mafia family. His youngest son, Michael (Al Pacino) comes back from the war and does not want anything to do with the business his father runs. As the times change, Vito's ideals end up getting the rest of the mafia families to plan his demise. Once Vito has been compromised, Michael must step in to keep the family together. However, in order to control the family, Michael must eliminate some of his competitors and distance himself from the ones he loves.

For Homework – See *Gone With the Wind* (1939)



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Beer Review: Samichlaus Bier

Akira Rattenbury
Staff Writer

Like many beer makers who claim they make the greatest or world's best or most drinkable beer, this week's sample prominently proclaims it is "the world's most extraordinary beer." Wrapped neatly in silver foil, this Christmas gift is a menace.

I know it's Spring and fluffy, hop-pier, lighter beverages are all the rage, but I couldn't resist this 14% ABV beer. It just looks "light" in its silver lacing and narrow 11.2 oz. bottle. As I have found all semester, cute looks can be deceiving.

The first alarm should have been the label surrounding the little image of Saint Nick declaring the beer was brewed in 2007. While Coors claims its beers last a mere 16 weeks, Samichlaus made over a year's journey from "divine" conception until I poured it into my glass.

This malt liquor concoction was first brewed in 1980 in Zurich, Switzerland by some sort of depraved lunatic with a sadistic lust for malt, malt, and more malt. Briefly discontinued in 1996, the annually brewed sadist dopplebock lager has returned with renewed Austrian care.

Critics have hailed it as a balanced, if slightly alcohol-enriched, brew with Michael Jackson, the consummate beer expert, declaring it "soothing and gently warming." I disagree. Some platitudes shared by myself and others seem in order.

"It's overwhelming."
"Punches you in the face."
"Gross."

The lager poured a beautiful amber red color like a Killians or Fat Tire Amber Ale, both of which are smoother and much better. A frothy yellow one-inch head lingered over a translucent glass full of slowly rising bubbly fizz. A thin, oily lacing stuck to the sides of my glass for an eternity.

Smell was strong but smooth with heady notes of grains, malt,

honey, bread, malt, and maybe some raisin or olive hints all cowering under excessive malt tones.

If the looks were enticing and innocent, and the smell was intoxicatingly rich but expected, the taste brought nothing but bitter regret. Like winding up drunk and belligerent while drinking with your parents as a mature adult around the Holidays, this beer was disappointingly unsmooth.

Taste was potent, excessive, liquor-like, and oily. Malt textures, honey, and caramel clashed in an epic battle for supremacy only to leave my taste buds seared with the astringent metallic death taste reminiscent of biting your tongue. The alcohol flavor was vaguely masked by the excess of complimentary malt and sugar, but reared its ugly head and left my pallet in a WWE strangle-hold.

Mouthfeel was awful, oily, bitter, and devastating. A palatable 40 oz of malt liquor is not only half as expensive, but substantially easier to drink. I may be a wuss, but at least I can taste my food after drinking. Incidentally, this dopplebock pairs well with most cheeses and chocolate. I suggest dark chocolate.

Half a beer in and this beer on steroids gave me a burning stomach-ache. By the end however, I admit my mouth adjusted. My weakling senses succumbed to the German prowess of this super-beer, and I started to parse out subtle flavors and enjoy the pain. Maybe it was just Stockholm syndrome, or perhaps this beer really is the best and just needs a stronger constituted i m b i e r to enjoy. Check it out at Applejacks and decide for yourself.

AKIRA RATTENBURY / OREDIGGER



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Music Reviews

Seasoned Eyes were Burning. Sara Lov

Noble Beast. Andrew Bird



Benjamin Johnson
Staff Writer

Background

Sara Lov emerged from a troubled past to produce her first solo album **Seasoned Eyes Were Beaming**. After her parents divorced when she was a child, Sara was abducted by her father and taken to Israel before being later returned to the United States. The album reflects the emotional journey of her past and presents an optimistic view for a future that is there to be captured and enjoyed. Lov, along with Dustin O'Halloran, formed the pop duo Devics in 1998. After the group disbanded, Lov decided to produce this album, a compilation of airy, reminiscent tracks that was released March 17, 2009.

Memorable Song

The title track of this album is one that speaks of the remarkable perspective Lov exhibits in life. It is a track that demands the listener obtain a positive life outlook. "Seasoned Eyes Were Beaming" starts with the lyrics "I was born a warrior/ I came out in shining armor/ I fought the great war/ One that mattered." The soft acoustic rhythms fuse with Lov's delicate but confident voice to produce a song that inspires, relaxes, and comforts at the same time.

Least Favorite Song

"Touched" is a strange song but one that still

fits well on the album. The problem is that the song seems more like an intermediate phase on the album rather than an actual song. Most of the track is composed of slow, darker instrumentation with the incorporation of a cello in the background. Lov's voice is a distinct part of the album and one that the listener expects and desires to hear but is absent throughout most of the track which is its biggest setback.

In Closing

Sara Lov, a singer and songwriter, has put together an album that is a joy to listen to. It is a mix of peaceful, relaxing, haunting, mystical sounds that combine into an album that displaces the stress and worry of life. With a voice similar to Norah Jones, Lov speaks hope for the future into listeners and compels them to reflect on the life lived, enjoying the blessings received and overlooking the wrongs that befell them. To label this record as only emotional and contemplative does not include the mastery of music required to portray these feelings. The combination of thoughtful lyrics, Lov's soothing voice, and the heartwarming acoustic musical style form this album into one that will be listened to many times over.



Tim Weilert
Content Manager

Introduction:

Andrew Bird is a man of many talents. As a multi-instrumentalist, Bird was trained in the Suzuki method and later graduated from Northwestern University with a degree in violin performance. Don't get frightened by his resume, Bird's newest release **Noble Beast** is an accessible pop record with beautiful composition and a unique sound. A master of all things musical, Bird himself provides violin, guitar, and whistling parts throughout the album. Furthermore, for those who might want to hear the more experimental size of Bird, the deluxe version of the album comes with an hour-long instrumental bonus disc titled **Useless Creatures**.

Memorable Song:

It is hard to identify one song that should earn this title (since about five tracks are really memorable), but "Fitz and the Diz-

zyspells" stands out. A mixture of warbling whistle, vibrant violin, and driven drums, this song typifies Bird's upbeat style and straightforward songwriting. Perhaps just as memorable is the opening track "Oh No," a song that personally makes me question my whistling ability in light of Bird's performance.

Forgettable Song:

"Unfolding Fans," a one-minute long track is forgettable in that it simply exists as a fill between two longer tracks. Perhaps this is the place to talk about the fact that this is really a record that should be listened to as a whole. Interludes, such as this track, serve to tie the entire listening experience together and create a unique record.

Final Thoughts:

Andrew Bird may not be the best known singer/songwriter out there, but he is certainly one of the more talented people doing music today. Having missed his recent concert at the Ogden Theater, I am excited to see him this summer as he will open for Death Cab For Cutie on their upcoming tour.

Cooking Corner Turnovers

Lily Giddings
Managing Editor

- 4 ounces cream cheese, softened
- 1 egg
- 1 cup sugar plus extra for sprinkling
- 2 cans of ready-to-bake croissants
- 1 pint blueberries (1 cup)

Preheat the oven to 400°F. Lightly coat a baking sheet with oil or cooking spray. Place the cream cheese in small bowl and stir until completely smooth.

Separate the egg yolk from the egg white. Place the egg white in a small bowl and add the egg yolk to the cream cheese and stir until combined. Open the can of croissants and unroll each packet of dough. Spoon a tablespoon of the cream cheese mixture down the center of each triangle from one corner to the base. Press the blueberries into the cream cheese. Fold the sides around the filling, wet the points with a little water, and press tightly to seal. (Press the sides tightly together or they will open while they bake.)

Place the turnovers in the baking pan, brush with the egg white, and sprinkle lightly with sugar. (If you are making these ahead, you can cover the pan with plastic wrap and refrigerate them for up to 4 hours before baking.) Bake for 10-12 minutes, until golden brown. Remove from the oven and serve warm.

Also, try with other fruits as the filling. Strawberries, raspberries, and peaches would make good substitutions



LILY GIDDINGS / OREDIGGER

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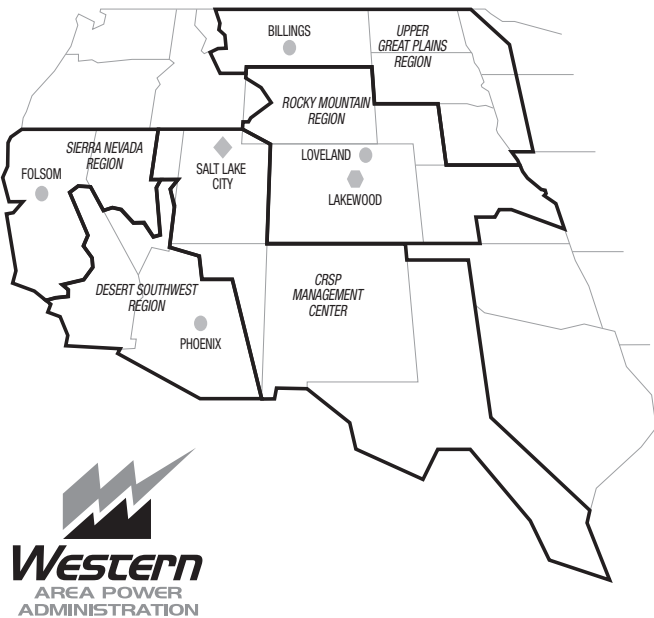
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How to survive the economy

Mike Stone
Fool's Gold Content Manager

It's no secret. Life is tough these days. The economy is bad and its effects are vast and cumbersome. Where it hurts us most: our wallets.

As students of the Colorado School of Mines, we have the distinct advantage of not worrying too much about securing a job in this upside down market. That still doesn't mean we shouldn't be frugal and stretch every dollar in our crazy college lifestyles until the big bucks start rolling in. Here are a few hints, tips, and tricks on how to survive the school year, college style.

Food

Food is our biggest concern. We've got to study and we've got to have full stomachs to do it. How can we fill our bellies and not do it with three square meals of ramen noodles?

When shopping at your local grocery store, try to buy items that are less than \$1.50. This means going to store brand items from time to time, but why not? For instance, a 2-liter of Coca-Cola can be almost \$2; Safeway Select Cola is 69 cents on sale and 99 cents normally. It seems like an easy choice to me. Totinos pizzas, anything in a can, and Mac & Cheese are all great choices for a meal/snack.

The problem you might see is that not everything at the store can be found for less than \$1.50. Things you ARE allowed to go over a buck fifty for are meats, dairy products, and any frozen or dry meals in a box. Still, try to choose wisely, use your store discount card, and only buy what you will actually eat.

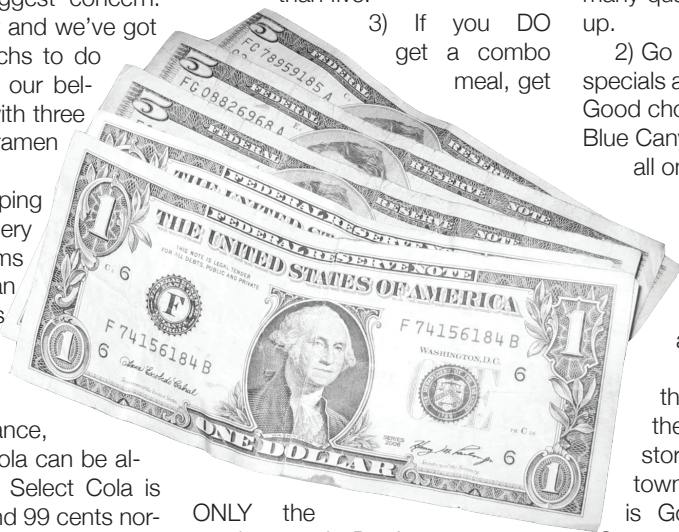
Another good idea is to go online and find the coupons to that store. Every coupon that is in the Sunday paper is online too, so use

them!

A bonus idea is a trip to Costco or Sam's Club once a month. These bulk stores can help significantly on everything from deli meats and ketchup bottles the size of your head to toilet paper and laundry detergent.

Lastly, as college students, we resort to venturing off to fast food restaurants way too often. It's important to follow these guidelines at the drive thru:

- 1) Go less than 3 times a week. You can make the same thing yourself for less, so do it! Don't be lazy.
- 2) Stick to the dollar menu. In Golden, we have access to over 97 dollar menu choices at our fingertips. Use it and don't get more than five.
- 3) If you DO get a combo meal, get



ONLY the combo meal. Don't add on another couple of burgers. Stick with the one sandwich, fries, and a drink.

Gas

There's no two ways about it—gas prices are high and it stinks! Trying to find the best prices can also be a disaster if you're flirting with the "E" a little too often. I ventured around Golden's finest gas stations and am proud to report the three gas stations that have the consistently lowest prices.

The Peerless Tires on the corner of South Golden and Ulysses, the Sinclair on the corner of Twelfth and Ford, and the Diamond Sham-

rock on the Corner of Colfax and Rooney Road all have the lowest gas prices in town. Visit these stations and you won't be disappointed. King Soopers also offers discounts on gas with a membership card. If all else fails, use your student bus pass to get around town. It's efficient and a great resource.

Alcohol

Yes, I know: you're a college student and you like to party. (Wool!) Here's the secret on how to keep your wallet full in this realm.

First, bars are expensive. You want to keep your tab low, but it's your turn to buy the next round! Here's what you do:

- 1) Don't go more than once a week. Too many tabs and too many quarters in the juke box add up.
- 2) Go to the bars with the drink specials and the low pitcher prices. Good choices here are the Ace-Hi, Blue Canyon, and the Yard House; all on the right nights.
- 3) Don't buy a round for the guys unless you know they're buying a round for you.

This way, it all evens out at some point!

Next, we're looking to throw a party, so where's the best deals at liquor stores? If you're staying in town, the best place to roam is Golden Crown near King Soopers. They have consistently low prices, great selection and staff, and finally, they offer a 5% Mines Student Discount on everything except sale items and kegs.

If you're looking to venture down I-70 a bit, Apple Jack's is the place to go. Their selection is enormous and their prices are the lowest in the area. Watch out though - their prices are low because they don't accept credit cards. Make sure to hit the ATM before you fill up your shopping cart.

Lastly, let us not forget that the Coors Factory IS just down the street and they give away free beer. Praise be to God.

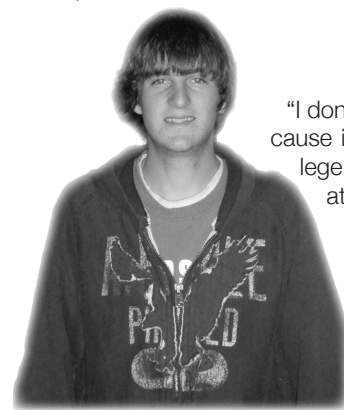


Minds at Mines

State budget and tuition costs

Roby Brost
Staff Writer

Sometimes, when organizations need money, they hold a bake sale. Occasionally they do a car wash. If the organization is in really big trouble, they have a bake sale and a car wash, and use their very attractive friends to promote the carwash. When the amount of money that is involved totals around \$300 million, it becomes apparent that neither a bake sale nor a car wash will remedy the discrepancy of funds. So what to do? One of the current proposed solutions is to increase the tuition for higher education. But how do Mines students feel about a tuition increase of up to ten percent?

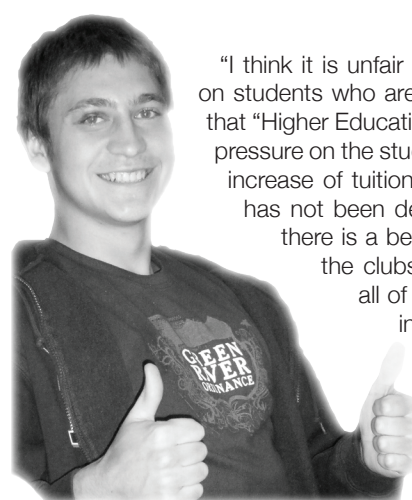
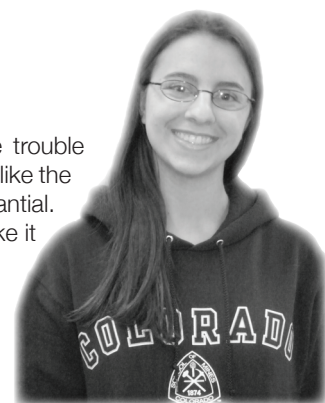


"I don't really see how it will fix the budget because if people have problems paying for college as it is, then less people will be able to attend, and get trained and paid for higher education jobs... I think that there most be a more effective solution, but I really couldn't say what it is."

Ian Sutton

"There are enough people that have trouble paying back student loans as it is. It's not like the loans we already have are little or insubstantial. Increasing the tuition rate is going to make it even harder to stay in school."

Jessa Smith

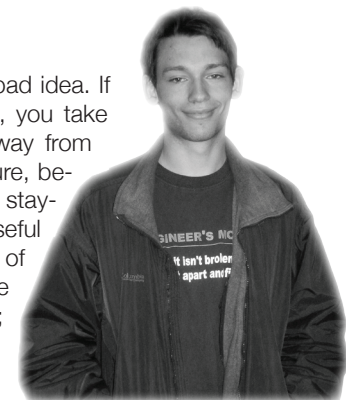


"I think it is unfair to put Colorado's debt problems on students who are going to college, who fall under that "Higher Education" category. I think that is a lot of pressure on the students, besides the extra work and increase of tuition. I know that the tuition increase has not been definitively decided on, but maybe there is a better plan. For instance, for one of the clubs I'm in, we're required to spend all of the money in our budget. What if instead of increasing the amount of money students have to pay for tuition, why don't we save that money? It would at least contribute less to the increase."

Ramon Ortega

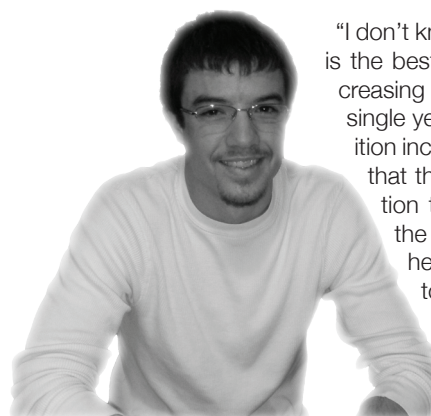
"I think that a tuition increase is a bad idea. If you take away from higher education, you take away from the tax base, you take away from the potential for more taxes in the future, because people will have a harder time staying in school. There are other, less useful programs, that could be reduced. But of course I think that the tuition increase for higher education is a really bad idea; I'm paying for it now."

Steve Miller



"I don't know if it [this proposed increase] is the best of ideas. Tuition has been increasing already over the years, every single year that I have been here the tuition increase has also increased. I think that there might be an alternate solution than to raising tuition. Perhaps the government could find a way to help the school find a better way to use taxes and help the school rather than passing on yet another large tuition increase."

Dan Andrews



ROBY BROST / OREDIGGER

Tim's two cents

Thoughts on community

Tim Weilert
Content Manager

"Community." It's one of those words that gets thrown around a lot today. You've got gated-communities, internet communities, hippie communes... the list goes on. One of the most interesting things about Mines (and most universities, from what I can gather), is the intense emphasis placed on community. However, there is no Community 101 class, so what does it look like to live constructively with other people from diverse backgrounds?

Before diving headfirst into what community is, it might be useful to outline things that I believe community is not:

1. Knowing everybody. I know a lot of people, but that doesn't mean I live in community with them. Just because I interact with a few hundred people on a regular basis does not mean

we're going any deeper than the surface level.

2. Liking the same stuff. Once again, this is an issue of depth. Simply because people have common interests does not necessarily mean a community is being formed. It really just means that a particular group of people have found themselves entertained by one thing or another.

So, what is community?

1. Solidarity. What makes Mines interesting when compared to other universities is that we've got years of engineering prestige and practice to stand upon. In one sense, it is our mutual devotion to the ideals of science that makes our campus a community, but this can be true for any number of principles.

2. Depth. How far are you willing to go? Greatness is often not achieved unless someone has been challenged. Forming healthy relationships with people

who can challenge you might just be one of the best investments of your time, energy, and money.

Finally, never get comfortable. Oftentimes in the comfort-seeking American culture in which we reside, it becomes easy to find a good thing and never leave. If you are 100% comfortable with your current situation then something has gone wrong. Comfort exists when there is no challenge in a person's life. No challenge often means no growth. Community exists as an incubator for personal growth.

Editorials Policy

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CSM track performs well at national meet

Benjamin Johnson
Staff Writer

After a year dedicated to improving, the CSM track team sent a group of extremely talented and committed men and women to the NCAA Division Two Indoor National Championships in Houston, Texas. On March 13 and 14 the best runners in the country converged on the University of Houston campus to compete.

History was set for Mines when the men's team placed ninth; it was the highest finish at the national level of any indoor track team in school history. Ben Zywicki, Mark Husted, Nick Maynard, and Mack McLain comprised Mines' men's distance relay team that won the relay event in 9:57.56. Husted also had a fourth place finish in the men's 800 meter run with a time of 1:53.70 while McLain, the Rocky Mountain Athletic Conference (RMAC) Men's Freshman of the Year, placed eighth in the one mile run in 4:14.48. Other notable per-

formers included Zywicki who placed seventh in the 5000 meter run with a time of 14:26.24 and Maynard finished ninth in the 800 meter run in 1:57.36.

The women's team also ran well at the national meet, they finished in a tie for 38th. Melanie Peddle placed sixth in the one mile run with a time of 4:58.23 and Kiera Benson ran well in the 60 meter dash but missed the finals with a time of 7.64.

Before indoor nationals the CSM track team competed at the RMAC Indoor Track and Field Championships where both the

men's and women's teams had great results. Justina Larsen, a member of the track team, said that a notable accomplishment was that, "At the RMAC Conference meet, Art Siemers got Coach of the Year for men's and women's track." CSM track continued being awarded for an incredible season with 25 members of indoor team selected for the Academic All-RMAC award. To qualify for selection, an athlete must have a cumulative GPA of at least 3.2, be a starter or key reserve, and have completed a minimum of two consecutive semesters at the university level.

"Since indoor nationals, we really haven't had much going on," said Larsen, but, "Our first outdoor meet was cancelled because of the snow, and we have a meet at the Tom Benich Classic in Greeley April 4, and the University of Colorado Invitational in Boulder April 11." The Tom Benich meet was cancelled due to inclement weather. The team expects to continue performing well and bringing national recognition to Mines and the running program.

Data was obtained courtesy of CSM Athletics.



LILY GIDDINGS / OREDIGGER

SCOREBOARD

Courtesy CSM Athletics

Apr. 6, 2009 – Colorado Christian University holds a five-stroke lead over Regis University after the first round of play at the 2009 Bob Writz Invitational (par 71; hosted by Colorado School of Mines) on Monday afternoon, April 6, at Fox Hollow Golf Course in Lakewood.

The Cougars registered an opening-round team stroke total of 288 (+4) while the Rangers finished at 293 (+9) on Monday. Montana State University – Billings currently resides in third place (297; +13) while Fort Hays State University and the host Orediggers are currently tied for fourth place (305; +21).

CCU's Jon Klingensmith and MSU – Billings' Travis Gates are presently tied for first place on the individual leaderboard at -1 (70). Regis' Josh Wagner, Oklahoma Panhandle State University's Chris Herring and CCU's Philip Nelson enter Tuesday's competition in a three-way tie for third place at +1 (72). The Cougars' Patrick Kent and Brandon Hystad, as well as Regis' Taylor Hulbert, are all currently tied for sixth place at +2 (73).

Six student-athletes from the Colorado School of Mines wrestling team have earned Academic All-Rocky Mountain Athletic Conference honors. These students are: Seniors Cody Weitzel, Kellen Costelow, and Sean Studer, Junior Bobby Strain, and Red shirt freshmen Jacob Guynes and Dylan Lewis.

Apr. 7, 2009 – Colorado Christian University won the team championship at the 2009 Bob Writz Invitational (hosted by Colorado School of Mines), which was held on Monday and Tuesday, April 6 and 7, at Fox Hollow Golf Course in Lakewood.

The Cougars, who held a five-stroke lead over Regis University after Monday's opening round of play, concluded the event with a two-round team stroke total of 577 (+5) to finish 13 strokes ahead of the second-place Rangers (590; +18). Montana State University – Billings (603; +31) placed third, Colorado School of Mines (607; +35) finished fourth and Fort Hays State University (616; +44) took fifth place. The U.S. Air Force Academy J.V. squad (623; +51) placed sixth and Oklahoma Panhandle State University (636; +64) finished seventh.

CCU's Patrick Kent (73, 68; -2) and Jon Klingensmith (70, 71; 141), who tied for medalist honors, were the only two players to conclude the two-day event under par. Regis' Josh Wagner (72, 72; +1) placed third, MSU – Billings' Travis Gates (70, 76; +3) finished fourth and CCU's Philip Nelson (72, 75; +4) and Regis' Greg Johnson (74, 73; +4) tied for fifth place. Joe Schwark (77, 74; +8) and Bobby McCracken (76, 75; +8) tied for 12th place to pace the host Orediggers.



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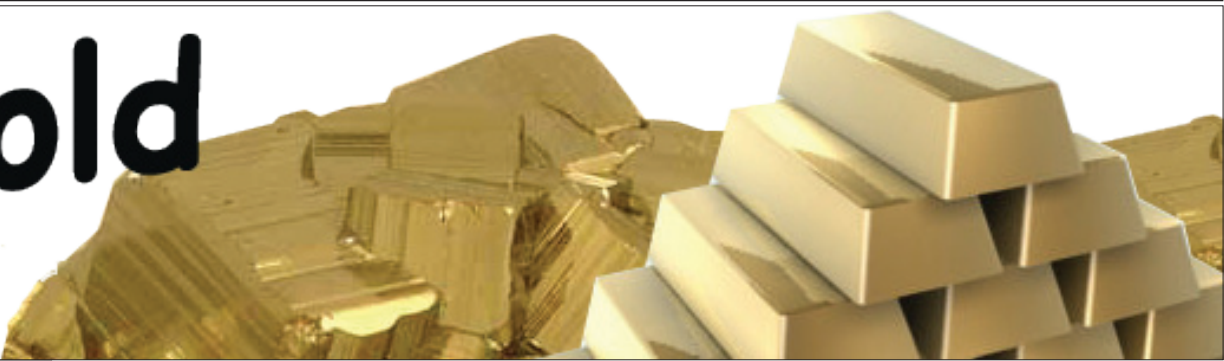
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Mines e-mail system stays online for one full week

Ian Littman
Beware the Horde

Despite the best efforts of the organization-formerly-known-as-AC&N staff, students rejoiced at a full week of uptime for the Mines e-mail system. POP3, IMAP4, and even webmail (definitely not 5) systems didn't go down, fail over, or overheat, resulting in an explosion of LOLrus pictures onto the inboxes of unsuspecting user IDs. Apparently, the steam boilers powering the write heads of intersection.mines.edu's hard disks didn't blow on schedule, causing the rather odd instance of complete functionality over the last week.

“We'll have to do be more diligent next time,” said systems administrator Epich Phail. “If we go on with this foolishness much longer, we'll break two nines of reliability. We can't possibly have that.” Even some students were miffed by the unexpected uptime. “This means that ‘my e-mail ate my homework’ is no longer a valid excuse when I was too drunk to complete an assignment by its due date,” complained Aaron A. Student-tenner. “Guess I'll have to move out of my parents' basement and get a

dog.”

The unexpected uptime also may serve to slow Mines's adoption of a Gmail-based groupware solution. After all, as another sysadmin said (who preferred to remain anonymous due to the potential firestorm of student feedback on the matter), “If it ain't broke, don't fix it. At least, not until it breaks again, and stays broke for twenty-four hours.”

There are conspiracy theories that downtime is actually created under duress by the physics department. After all, with e-mail working, students can now complain about the sometimes overloaded, always inherently evil LON-CAPA systems hosted by the physics department. Physics department techs and administrators were unavailable for comment, though one student reported seeing a physics TA heading down to the CTLM basement with a pair of wire cutters.

The organization-formerly-known-as-AC&N has issued a press release that it is in talks with No Uptime Hosting, at www.nouptime.com, to ensure that Mines e-mail systems never experience such an outstanding uptime record ever again.

Jay Cutler traded to Wendy's

Tim Weilert
Sports Analyst

In a move that rocked the Denver sports scene, Broncos owner Pat Bowlen decided to trade quarterback Jay Cutler away amidst recent drama. Cutler, who couldn't cooperate with the organization, agreed that the move would be best for both himself and the Broncos.

In exchange for 27 vouchers for items from the dollar menu, Cutler will be traded to the Wendy's Hamburgers restaurant on Colfax and Clarkson. Instead of his previous duties, which were supposed to include: completing passes, winning games, and not-sucking; Cutler will now be responsible for cooking french fries and hamburgers.

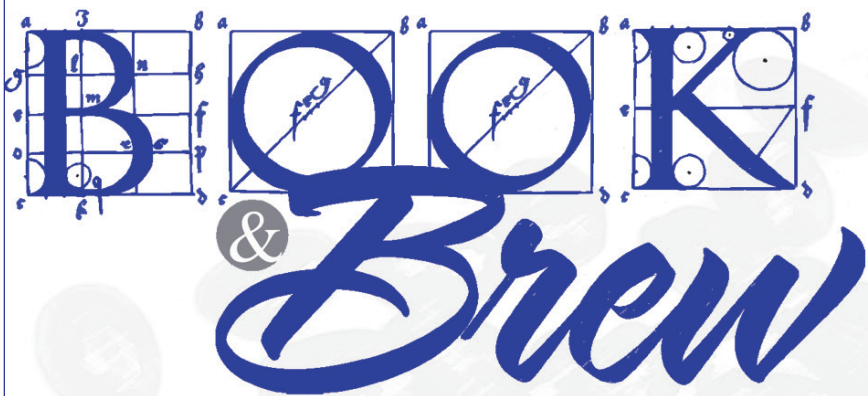
“We're glad to have him on board, but I'm worried about his commitment to the organization,” said Wendy's general manager Craig Robertson. As a result of Cutler's previous drama with the Broncos, he will be under extra supervision while dealing with customers, and he won't be allowed near the Frosty machine.

Diners at the franchise where Cutler began working last Thursday

offered their comments. “It's good to see that he's got another job, but I think he forgot my chili,” said Aurora resident Joe Brockman. Jamie Welt said, “Maybe the Broncos will finally have another chance at the Super Bowl if they get going in a positive direction... hey, how long does it

take to cook a f***ing chicken sandwich?!?”

The ghost of Wendy's founder Dave Thomas was unavailable for comment. He is currently haunting the Hall of Justice. Who we gonna' call? GHOST-BUSTERS! [do do do do do, duh nuh nuh nuh.]



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